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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/023,483	12/20/2001	Hiroki Yamauchi	50023-161	3516
7590	03/16/2005		EXAMINER	
MCDERMOTT, WILL & EMERY 600 13th Street, N. W. Washington, DC 20005-3096			WOO, ISAAC M	
			ART UNIT	PAPER NUMBER
			2162	
DATE MAILED: 03/16/2005				

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/023,483	Applicant(s) YAMAUCHI ET AL.	
	Examiner Isaac M Woo	Art Unit 2162	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
 - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
 - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
 - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 01 November 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,6-9,11-17,19,21 and 22 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1, 6-9, 11-17, 19 and 21-22 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This action is in response to Applicant's Amendments, filed on November 01, 2004 have been considered but are deemed moot in view of new ground of rejections below.

2. Claims 1, 6-9, 11-17 and 19 are amended. Claims 2-5, 10, 18 and 20 are canceled. Claims 1, 6-9, 11-17, 19 and 21-22 are presented for examination.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1, 6-9, 11-17, 19 and 21-22 are rejected under 35 U.S.C. 102(b) as being anticipated by Nemes (U.S. Patent No. 5,893,120).

With respect to claims 1, 17 and 19, Nemes discloses, relevant information adding means for adding relevant information to both or either one of a specific data of which effective period expires (expired records, col. 2, lines 54-63, col. 5, lines 34-52) and/a following data corresponding to the specific data the relevant information

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including an address (identifying records, col. 2, lines 54-63, col. 5, lines 34-52) for referring to the other data of the both: and relevant information specifying means for specifying corresponding data (expired records, col. 2, lines 54-63, col. 5, lines 34-52) referring to the address (identifying records, col. 2, lines 54-63) included in the relevant information of the data at the time (expiring time, col. 2, lines 54-63) of referring to the specific data or the following data, see (col. 2, lines 53-67 to col. 3, lines 1-15, col. 5, lines 34-52).

With respect to claims 6 and 21, Nemes discloses, effective period management means for storing the effective period and the reference information of data including the effective period associating each other and notifying of the expiration when the effective period expires, and data control means for performing on the data specific processing due to the expiration of the effective period at receiving the notice from the effective period management means, see (col. 5, lines 34-52).

With respect to claim 6, Nemes discloses, specific processing is to prepare the corresponding following data, see (col. 5, lines 34-52)

With respect to claim 7, Nemes discloses, specific processing is to delete the data of which effective period expires, see (col. 5, lines 34-67).

With respect to claims 9 and 22, Nemes discloses, storing the time information and the reference information of data including the time information associating each other and notifying to the effect that the time indicated by the time information has come; and prepares the following data at receiving the notice from the update management means, see (col. 5, lines 34-67).

With respect to claim 11, Nemes discloses, storing the extension period information to extend the effective period and renewing the effective period of data of which effective period expires to the period indicated by the extension period information when the effective period expires, see (col. 5, lines 34-67).

With respect to claim 12, Nemes discloses, setting the searching order of the following data in front of the data corresponding to the following data, see (col. 5, lines 34-67).

With respect to claim 13, Nemes discloses, monitoring the searching frequency of the following data and the data corresponding to the following data; and searching orders of the specific data and the following data according to the searching frequency, see (col. 5, lines 34-67).

With respect to claim 14, Nemes discloses, data are information to carry out the security communication on a network, and the effective period is that of the information, see (col. 5, lines 54-67 to col. 6, lines 1-45).

With respect to claim 15, Nemes discloses, information to carry out the security communication contains either one of an authentication algorithm, an encryption algorithm, an authentication key, or an encryption key, see (col. 5, lines 54-67 to col. 6, lines 1-45).

With respect to claim 16, Nemes discloses, data are SA (Security Association) applied to the IPSEC (Internet Protocol Security Protocol), see (col. 5, lines 54-67 to col. 6, lines 1-45).

Conclusion

5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within

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TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.


Contact Information

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Isaac M Woo whose telephone number is (571) 272-4043. The examiner can normally be reached on 8:00-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John E Breene can be reached on (571) 272-4107. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

IMW
March 7, 2005


JEAN M. CORRIELLUS
PRIMARY EXAMINER